Carbamates by HPLC EPA 531.1, Revision 3.1					Page 1 of 2		
Facility Name:	EPA ID						
Assessor Name:Analyst Name:	Inspection Date:						
Method Specific Requirements	Reference Drinking Water/EPA	Υ	N	N/A	Comments		
Records Examined:							
Date of Analysis: Date(s) of Sample Preparation:	Analyst:						
Are samples to be analyzed for oxamyl, 3-hydroxycarbofuran, aldicarb sulfoxide, and carbaryl preserved at pH 3 at the time of collection? (Is this recorded / documented?)	5.10.2.a EPA 8.2						
Are preserved samples analyzed within 28 days of collection?	5.10.2.a EPA 8.2.4						
Is the response (for any sample chromatogram) of the Internal Standard of samples ≤ 30% from the daily calibration check standard?	5.10.2.a EPA 9.5.1						
If consecutive samples fail the IS response acceptance criterion, is a calibration check standard analyzed with an acceptance criteria of the IS response being 20%?	5.10.2.a EPA 9.5.3 EPA 9.5.3.1						
Is the laboratory analyzing at least one LFB/LCS sample with every 20 samples or one per set (all samples analyzed within a 24 hours period) whichever is greater?	EPA 9.6.1						
Is the % recovery of analytes in the LCS 80-120% and the RSD of the duplicates <20%	5.10.2.a EPA 9.6.2 (9.3.2)						
Are spike recoveries acceptable when they are in the range of 65-135%?	5.10.2.a EPA9.7.2						
NOTES/COMMENTS:							

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Relevant Aspect of Standards	Reference Drinking Water/EPA	Y	N	N/A	Comments
[] Is a minimum of 3 calibration standards used to calibrate a range of a factor of 20 in concentration? [] Is a minimum of 4 calibration standards used to calibrate a range of a factor of 50 in concentration? [] Is a minimum of 5 calibration standards used to calibrate a range of a factor of 100 in concentration?	5.10.2.a EPA 10.2.1				
Is the working response factor (RF) or calibration curve verified on each working day by the measurement of a minimum of two calibration check standards, one at the beginning and one at the end of the analysis day? (2 different levels to verify the concentration curve.)	EPA 10.2.4				
Are the calibration standards verified periodically, recommended at least quarterly, by analyzing a standard prepared from reference material obtained from an independent source?	EPA 10.4				
Are samples filtered prior to analysis?	5.10.2.a EPA 11.1.2				
If response for the peak exceeds the working range of the system, is the sample diluted with pH 3 buffered reagent water and reanalyzed?	5.10.2.a EPA 11.2.4				
NOTES/COMMENTS:					